

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1. (**Currently amended**) A linear engaging headless fastener system for securing an object to a machine component, the fastener system comprising:

a body member having an outer surface positioned about a central axis, said body member having a first end including a cavity, said cavity having an engaging surface, said engaging surface tapering inwardly from about said first end and extending toward a second end, said second end defining a clamping surface adapted to ~~provide a clamping force to an assembly~~ engage the object;

an expander member having a first end, a second end, and an outer surface positioned about a central axis, said outer surface tapering outwardly from said first end and extending toward said second end, said first end being insertable into said body member cavity; and

a gripping surface defining an aperture in the machine component,

wherein by said outer surface of said expander member is constructed and arranged for coaxial alignment and engagement with respect to said engaging surface of said body member, said expander member being linearly traversable with respect to said engaging surface of said body member between a first release position and a second engaged position, wherein said engaged position results in said tapered surfaces circumferentially expanding said body member ~~to provide compression loading of said expander member, wherein said body member outer surface engages an aperture having an inner gripping surface,~~ and wherein said release position results in

circumferential contraction of said body member outer surface thereby releasing said inner gripping surface of said aperture,

wherein said body member outer surface and said gripping surface are configured and positionable relative to each other to form a compressive contact with each other to linearly shift relative to each other under the compressive contact to cause an increased compression between the clamping surface and the object when said body member is circumferentially expanded from an unloaded state.

Claim 2. (Original) The linear engaging fastener system of claim 1 including means projecting radially from said outer surface of said body member outer surface for engagement with said inner surface of said aperture for locking said body member in a predetermined position.

Claim 3. (Previously presented) The linear engaging fastener system of claim 2 wherein said radially projecting means includes at least one outwardly and circumferentially extending rib, each said rib including a first ramp surface to facilitate coaxially aligned linear movement of said body member in relation to said inner gripping surface of said aperture to provide a secondary clamping force upon engagement of said expander member.

Claim 4. (Previously presented) The linear engaging fastener system of claim 3 wherein said at least one circumferentially extending rib includes a second ramp surface to facilitate coaxially aligned linear insertion of said body member into said inner gripping surface of said aperture.

Claim 5. (Original) The linear engaging fastener system of claim 4 wherein said radially projecting means are helical threads.

Claim 6. (Original) The linear engaging fastener system of claim 2 wherein said radially projecting means define a knurled surface.

Claim 7. (Original) The linear engaging fastener system of claim 1 wherein said first end of said body member includes at least one driving surface, said at least one driving surface constructed and arranged to cooperate with a driving tool for providing rotational force to said body member.

Claim 8. (Original) The linear engaging fastener system of claim 7 wherein said at least one driving surface is adapted to cooperate with a screwdriver.

Claim 9. (Original) The linear engaging fastener system of claim 1 wherein said first end of said body member includes a plurality of driving surfaces, said plurality of driving surfaces constructed and arranged to cooperate with a driving tool for providing rotational force to said body member.

Claim 10. (Original) The linear engaging fastener system of claim 9 wherein said plurality of driving surfaces are adapted to cooperate with a hex shaped tool.

Claim 11. (Original) The linear engaging fastener system of claim 1 wherein said clamping surface is selected from the group consisting of flat point, dog point, half dog point, cup point, oval point, cone point or knurled point.

Claim 12. (Original) The linear engaging fastener system of claim 1 wherein said body member is constructed of metal.

Claim 13. (Original) The linear engaging fastener system of claim 1 wherein said body member is constructed of polymeric material.

Claim 14. (Original) The linear engaging fastener system of claim 1 wherein said body member is constructed of rubber.

Claim 15. (Original) The linear engaging fastener system of claim 1 wherein said engaging surface within said cavity is a self-locking taper.

Claim 16. (Currently Amended) The linear engaging fastener system of claim 1 wherein said self-locking taper is selected from the group consisting of MORSE, BROWN & SHARPE, JARNO, AMERICAN NATIONAL STANDARD MACHINE, JACOBS and BRITISH STANDARD.

Claim 17. (Previously presented) The linear engaging fastener system of claim 1 wherein said expander member includes at least one internal bore extending inwardly from said first end of said expander member along a longitudinal centerline, wherein said at least one internal bore is constructed and arranged for gripping and placing a tensile load on said expander member prior to linear traversal of said expansion member into said release position with respect to said body member.

Claim 18. (Original) The linear engaging fastener system of claim 17 wherein said internal bore includes internal threads.

Claim 19. (Original) The linear engaging fastener system of claim 1 wherein said outer surface of said expander member includes a self-locking taper.

Claim 20. (Original) The linear engaging fastener system of claim 19 wherein said self-locking taper is selected from the group consisting of Morse, Brown & Sharpe, Jarno, American National Standard Machine, Jacobs and British Standard.

Claim 21. (Original) The linear engaging fastener system of claim 19 wherein said outer surface of said expander member and said inner engaging surface of said body member are constructed and arranged to maintain an axially aligned interfitting relationship in said release position.

Claim 22. (New) A fastener, comprising:

a body member defining a longitudinal axis and comprising a clamping end adapted to engage an object to be fastened, and an expandable portion radially expandable relative to the longitudinal axis, the expandable portion having an inner surface defining a cavity in the body member and an outer surface;

an expander member having an outer surface and sized to be at least partially positionable inside the cavity of the body member; and

a machinery component comprising a gripping surface defining a cavity sized to accommodate at least a portion of the expandable portion of the body member and to engage the outer surface of the body member,

wherein the outer surface of the expander member and the inner surface of the expandable portion of the body member are configured to cooperate to radially expand the expandable portion when the expander member axially slide along the longitudinal axis, and wherein the outer surface of the expandable portion of the body member and

the gripping surface are configured to cooperate to push the body member along the longitudinal axis relative to the gripping surface, thereby compressively engaging the clamping end with the object to be fastened, as the expandable portion radially expands.

**Claim 23. (New)** The fastener of claim 22, wherein the machinery component further comprises a portion adapted to support the object to be fastened against the clamping end.

**Claim 24. (New)** The fastener of claim 22, wherein at least one of the outer surface of the expander member and the inner surface of the expandable portion of the body member has a portion at an angle from the longitudinal axis and adapted to remain in contact with the other one of the outer surface of the expander member and the inner surface of the expandable portion of the body member during the longitudinal advancement of the expander member.

**Claim 25. (New)** The fastener of claim 24, wherein at least one of the outer surface of the expandable portion of the body member and the gripping surface has a portion at an angle from the longitudinal axis and adapted to remain in contact with the other one of the outer surface of the expandable portion of the body member and the gripping surface during the radial expansion of the expandable portion of the body member.

**Claim 26. (New)** The fastener of claim 24, wherein the outer surface of the expander member and the inner surface of the expandable portion of the body member form a self-locking taper.

Claim 27. (New) The fastener of claim 25, wherein the outer surface of the expandable portion of the body member and the gripping surface comprise matching ribbed surfaces.

Claims 28. (New) The fastener of claim 27, wherein the matching ribbed surfaces comprise matching threaded surfaces.